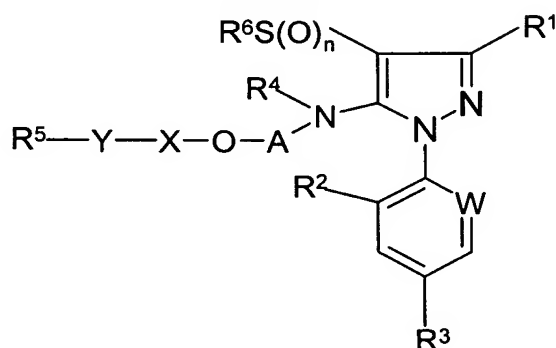


**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (Original) A compound of formula (I):



(I)

wherein:

$R^1$  is CN,  $CSNH_2$  or  $C(=N-Z)-S(O)_r-Q$ ;

Z is H,  $(C_1-C_6)$ -alkyl,  $(C_1-C_6)$ -haloalkyl,  $(C_3-C_6)$ -alkenyl,  $(C_3-C_6)$ -alkynyl,  $-(CH_2)_qR^7$ ,  $COR^8$ ,  $CO_2-(C_1-C_6)$ -alkyl or  $S(O)_pR^8$ ;

Q is  $(C_1-C_6)$ -alkyl or  $CH_2R^7$ ;

W is C-halogen, C- $CH_3$  or N;

$R^2$  is hydrogen, halogen or  $CH_3$ ;

$R^3$  is  $(C_1-C_3)$ -haloalkyl,  $(C_1-C_3)$ -haloalkoxy or  $SF_5$ ;

$R^4$  is hydrogen,  $(C_2-C_6)$ -alkenyl,  $(C_2-C_6)$ -haloalkenyl,  $(C_2-C_6)$ -alkynyl,  $(C_2-C_6)$ -haloalkynyl,  $(C_3-C_7)$ -cycloalkyl,  $(C_3-C_7)$ -cycloalkyl- $(C_1-C_6)$ -alkyl,  $CO_2-(C_1-C_6)$ -alkyl,  $CO_2-(C_3-C_6)$ -alkenyl,  $CO_2-(C_3-C_6)$ -alkynyl,  $CO_2-(CH_2)_mR^7$  or  $SO_2R^8$ ; or  $(C_1-C_6)$ -alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen,  $(C_1-C_6)$ -alkoxy,  $(C_1-C_6)$ -haloalkoxy,  $(C_3-C_6)$ -alkenyloxy,  $(C_3-C_6)$ -haloalkenyloxy,  $(C_3-C_6)$ -alkynyloxy,  $(C_3-C_6)$ -haloalkynyloxy,  $(C_3-C_7)$ -cycloalkyl,  $S(O)_pR^8$ , CN,  $NO_2$ , OH,  $COR^9$ ,  $NR^9R^{10}$ ,  $S(O)_pR^7$ ,  $OR^7$  and  $CO_2R^9$ ;

A is  $(C_1-C_6)$ -alkylene or  $(C_1-C_6)$ -haloalkylene;

X is C(=O), C(=S) or SO<sub>2</sub>;

Y is O, NR<sup>11</sup> or a covalent bond;

R<sup>5</sup> is (C<sub>3</sub>-C<sub>6</sub>)-alkenyl, (C<sub>3</sub>-C<sub>6</sub>)-haloalkenyl, (C<sub>3</sub>-C<sub>6</sub>)-alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-haloalkynyl, (C<sub>3</sub>-C<sub>7</sub>)-cycloalkyl, (C<sub>3</sub>-C<sub>7</sub>)-cycloalkyl-(C<sub>1</sub>-C<sub>6</sub>)-alkyl, -(CH<sub>2</sub>)<sub>q</sub>R<sup>7</sup> or -(CH<sub>2</sub>)<sub>q</sub>R<sup>12</sup>; or is (C<sub>1</sub>-C<sub>6</sub>)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>1</sub>-C<sub>6</sub>)-haloalkoxy, (C<sub>3</sub>-C<sub>6</sub>)-alkenyloxy, (C<sub>3</sub>-C<sub>6</sub>)-haloalkenyloxy, (C<sub>3</sub>-C<sub>6</sub>)-alkynyloxy, (C<sub>3</sub>-C<sub>6</sub>)-haloalkynyloxy, (C<sub>3</sub>-C<sub>7</sub>)-cycloalkyl, S(O)<sub>p</sub>R<sup>8</sup>, CN, NO<sub>2</sub>, OH, COR<sup>9</sup>, NR<sup>9</sup>R<sup>10</sup>, S(O)<sub>p</sub>R<sup>7</sup>, OR<sup>7</sup> and CO<sub>2</sub>R<sup>9</sup>;

R<sup>6</sup> is (C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>1</sub>-C<sub>6</sub>)-haloalkyl, (C<sub>2</sub>-C<sub>6</sub>)-alkenyl, (C<sub>2</sub>-C<sub>6</sub>)-haloalkenyl, (C<sub>2</sub>-C<sub>6</sub>)-alkynyl or (C<sub>2</sub>-C<sub>6</sub>)-haloalkynyl;

R<sup>7</sup> is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>1</sub>-C<sub>6</sub>)-haloalkyl, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>1</sub>-C<sub>6</sub>)-haloalkoxy, CN, NO<sub>2</sub>, S(O)<sub>p</sub>R<sup>8</sup>, COR<sup>10</sup>, COR<sup>13</sup>, CONR<sup>9</sup>R<sup>10</sup>, SO<sub>2</sub>NR<sup>9</sup>R<sup>10</sup>, NR<sup>9</sup>R<sup>10</sup> and OH;

R<sup>8</sup> is (C<sub>1</sub>-C<sub>6</sub>)-alkyl or (C<sub>1</sub>-C<sub>6</sub>)-haloalkyl;

R<sup>9</sup> and R<sup>10</sup> are each independently H, (C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>1</sub>-C<sub>6</sub>)-haloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-alkenyl, (C<sub>3</sub>-C<sub>6</sub>)-haloalkenyl, (C<sub>3</sub>-C<sub>6</sub>)-alkynyl, (C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl or -(C<sub>1</sub>-C<sub>6</sub>)-alkyl-(C<sub>3</sub>-C<sub>6</sub>)-cycloalkyl; or

R<sup>9</sup> and R<sup>10</sup> together with the attached N atom form a five- or six-membered saturated ring which optionally contains an additional hetero atom in the ring which is selected from O, S and N, the ring being unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C<sub>1</sub>-C<sub>6</sub>)-alkyl and (C<sub>1</sub>-C<sub>6</sub>)-haloalkyl;

R<sup>11</sup> is H, (C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>1</sub>-C<sub>6</sub>)-haloalkyl, (C<sub>3</sub>-C<sub>6</sub>)-alkenyl or (C<sub>3</sub>-C<sub>6</sub>)-alkynyl;

R<sup>12</sup> is heterocyclyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C<sub>1</sub>-C<sub>4</sub>)-alkyl, (C<sub>1</sub>-C<sub>4</sub>)-haloalkyl, (C<sub>1</sub>-C<sub>4</sub>)-alkoxy, (C<sub>1</sub>-C<sub>4</sub>)-haloalkoxy, NO<sub>2</sub>, CN, CO<sub>2</sub>(C<sub>1</sub>-C<sub>6</sub>)-alkyl, S(O)<sub>p</sub>R<sup>8</sup>, OH and oxo;

R<sup>13</sup> is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C<sub>1</sub>-C<sub>6</sub>)-alkyl, (C<sub>1</sub>-C<sub>6</sub>)-haloalkyl, (C<sub>1</sub>-C<sub>6</sub>)-alkoxy, (C<sub>1</sub>-C<sub>6</sub>)-haloalkoxy, CN, NO<sub>2</sub>, S(O)<sub>p</sub>R<sup>8</sup> and NR<sup>9</sup>R<sup>10</sup>;

n, p and r are each independently zero, one or two;

m and q are each independently zero or one; and

each heterocyclyl in the above-mentioned radicals is independently a heterocyclic radical having 3 to 7 ring atoms and 1, 2 or 3 hetero atoms in the ring selected from the group consisting of N, O and S;  
or a pesticidally acceptable salt thereof.

2. (Original) A compound or a salt thereof as claimed in claim 1 wherein R<sup>1</sup> is CN or CSNH<sub>2</sub>.

3. (Currently Amended) A compound or a salt thereof as claimed in claim 1 or 2 wherein R<sup>6</sup> is CF<sub>3</sub>.

4. (Currently Amended) A compound or a salt thereof as claimed in claim 1, 2 or 3 wherein R<sup>1</sup> is CN, CSNH<sub>2</sub> or C(=N-Z)-S-Q;  
Z is H, (C<sub>1</sub>-C<sub>3</sub>)-alkyl, -(CH<sub>2</sub>)<sub>q</sub>R<sup>7</sup>, COR<sup>8</sup>, CO<sub>2</sub>-(C<sub>1</sub>-C<sub>3</sub>)-alkyl or S(O)<sub>p</sub>R<sup>8</sup>;  
Q is (C<sub>1</sub>-C<sub>3</sub>)-alkyl;  
W is C-Cl;  
R<sup>2</sup> is Cl;  
R<sup>3</sup> is CF<sub>3</sub>;  
R<sup>4</sup> is hydrogen, (C<sub>2</sub>-C<sub>4</sub>)-alkenyl, (C<sub>2</sub>-C<sub>4</sub>)-alkynyl, (C<sub>3</sub>-C<sub>7</sub>)-cycloalkyl, CO<sub>2</sub>-(C<sub>1</sub>-C<sub>4</sub>)-alkyl, CO<sub>2</sub>-(C<sub>3</sub>-C<sub>4</sub>)-alkenyl, CO<sub>2</sub>-(C<sub>3</sub>-C<sub>4</sub>)-alkynyl, CO<sub>2</sub>-(CH<sub>2</sub>)<sub>m</sub>R<sup>7</sup> or SO<sub>2</sub>R<sup>8</sup>; or (C<sub>1</sub>-C<sub>3</sub>)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C<sub>1</sub>-C<sub>3</sub>)-alkoxy, S(O)<sub>p</sub>R<sup>8</sup> and CO<sub>2</sub>-(C<sub>1</sub>-C<sub>3</sub>)-alkyl);  
A is -CH<sub>2</sub>CH<sub>2</sub>- or -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-;  
X is C(=O) or SO<sub>2</sub>;  
Y is O, NH or a covalent bond;  
R<sup>5</sup> is (C<sub>3</sub>-C<sub>4</sub>)-alkenyl, (C<sub>3</sub>-C<sub>4</sub>)-alkynyl, -(CH<sub>2</sub>)<sub>q</sub>R<sup>7</sup>, (C<sub>1</sub>-C<sub>3</sub>)-alkyl or (C<sub>1</sub>-C<sub>3</sub>)-haloalkyl;  
R<sup>6</sup> is CF<sub>3</sub>;  
each R<sup>7</sup> is independently phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C<sub>1</sub>-C<sub>3</sub>)-alkyl, (C<sub>1</sub>-C<sub>3</sub>)-haloalkyl, (C<sub>1</sub>-C<sub>3</sub>)-alkoxy, (C<sub>1</sub>-C<sub>3</sub>)-haloalkoxy, CN, NO<sub>2</sub> and S(O)<sub>p</sub>R<sup>8</sup>; and  
each R<sup>8</sup> is independently (C<sub>1</sub>-C<sub>3</sub>)-alkyl or (C<sub>1</sub>-C<sub>3</sub>)-haloalkyl.

5. (Currently Amended) A compound or a salt thereof as claimed in ~~any one of claims 1 to 4~~ claim 1 wherein R<sup>1</sup> is CN or CSNH<sub>2</sub>;

W is C-Cl;

R<sup>2</sup> is Cl;

R<sup>3</sup> is CF<sub>3</sub>;

R<sup>4</sup> is (C<sub>1</sub>-C<sub>3</sub>)-alkyl;

A is -CH<sub>2</sub>CH<sub>2</sub>- or -CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-;

X is C(=O);

Y is O, NH or a covalent bond;

R<sup>5</sup> is (C<sub>3</sub>-C<sub>4</sub>)-alkenyl, (C<sub>3</sub>-C<sub>4</sub>)-alkynyl, -(CH<sub>2</sub>)<sub>q</sub>R<sup>7</sup>, (C<sub>1</sub>-C<sub>3</sub>)-alkyl or (C<sub>1</sub>-C<sub>3</sub>)-haloalkyl;

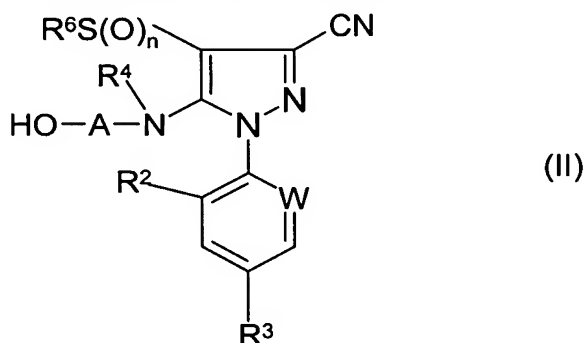
R<sup>6</sup> is CF<sub>3</sub>;

R<sup>7</sup> is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C<sub>1</sub>-C<sub>3</sub>)-alkyl, (C<sub>1</sub>-C<sub>3</sub>)-haloalkyl, (C<sub>1</sub>-C<sub>3</sub>)-alkoxy, (C<sub>1</sub>-C<sub>3</sub>)-haloalkoxy, CN, NO<sub>2</sub> and S(O)<sub>p</sub>R<sup>8</sup>; and

R<sup>8</sup> is (C<sub>1</sub>-C<sub>3</sub>)-alkyl or (C<sub>1</sub>-C<sub>3</sub>)-haloalkyl.

6. (Currently Amended) A process for the preparation of a compound of formula (I) or a salt thereof as defined in ~~any one of claims 1 to 5~~ claim 1, which process comprises:

a) ~~where~~ when R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, W, A and n are as defined in claim 1, R<sup>1</sup> is CN, and Y and X are as defined in claim 1 with the exclusion of compounds in which -Y-X- is -NH-CO- or -NH-CS-, acylating or sulfonylating a compound of formula (II):

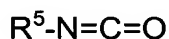


wherein R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>6</sup>, W, A and n are as defined in formula (I), with a compound of formula (III):



wherein Y and X are as defined in formula (I) with the exclusion of compounds in which -Y-X- is -NH-CO- or -NH-CS-, and L is a leaving group; or

b) ~~where~~ when  $R^1$  is CN, and  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^6$ , W, A and n are as defined in claim 1, reacting a compound of formula (II) wherein  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^6$ , W, A and n are as defined in claim 1 and -Y-X- is -NH-CO- or -NH-CS-, with an isocyanate or isothiocyanate compound of formula (IV) or (V):



(IV)



(V)

wherein  $R^5$  is as defined in formula(I); or

c) ~~where~~ when  $R^1$  is CN, n is 1 or 2, and  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^6$ , W, A, X and Y are as defined in claim 1, ~~oxidising~~ oxidizing a corresponding compound in which n is 0 or 1; or

d) ~~where~~ when  $R^1$  is  $CSNH_2$ , and  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^6$ , W, A, X, Y and n are as defined in claim 1, reacting the corresponding compound of formula (I) wherein  $R^1$  is CN, with an alkali or alkaline earth metal hydrosulfide, or with the reagent  $Ph_2PS_2$ ; or

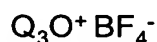
(e) ~~where~~ when  $R^1$  is  $CSNH_2$ , and  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^6$ , W, A, X, Y and n are as defined in claim 1, reacting the corresponding compound of formula (I) wherein  $R^1$  is CN, with a bis(trialkylsilyl)sulfide, in the presence of a base; or

(f) ~~where~~ when  $R^1$  is  $C(=N-H)-S-Q$ , and Q,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^6$ , W, A, X, Y and n are as defined in claim 1, reacting the corresponding compound of formula (I)

wherein  $R^1$  is  $CSNH_2$  with an alkylating agent of formula (VI) or (VII):



(VI)



(VII)

wherein Q is as defined in formula (I) and  $L^1$  is a leaving group; or

(g) ~~where~~ when  $R^1$  is  $C(=N-Z)-S-Q$ , Z is as defined in claim 1 with the exclusion of H, and the other values are as defined in formula (I), alkylating, acylating or sulfonylating the corresponding compound of formula (I) wherein Z is H, with a compound of formula (VIII):



(VIII)

wherein Z is as defined in formula (I) with the exclusion of H, and  $L^2$  is a leaving group; and

(h) if desired, converting a resulting compound of formula (I) into a pesticidally acceptable salt thereof.

7. (Currently Amended) A pesticidal composition comprising a pesticidally effective amount of a compound of formula (I) or a pesticidally acceptable salt thereof as defined in ~~any one of claims 1 to 5~~ claim 1, in association with a pesticidally acceptable diluent or carrier and/or surface active agent.

8.-9. (Cancelled)

10. (Currently Amended) A method for controlling pests at a locus which comprises applying ~~thereto~~ to said locus a pesticidally effective amount of a compound of formula (I) or a salt thereof as claimed in ~~any one of claims 1 to 5 or of a composition according to claim 7~~ claim 1.

11. (New) A method for controlling pests at a locus which comprises applying to said locus a pesticidally effective amount of a composition as claimed in claim 7.

12. (New) A veterinary medicament comprising a pesticidally effective amount of a compound of formula (I) or a salt thereof as claimed in claim 1, in association with a veterinarily acceptable diluent or carrier and/or surface active agent.

13. (New) A method for the control of pests in or on an animal which comprises administering to said animal a pesticidally effective amount of a compound of formula (I) or a salt thereof as claimed in claim 1.

14. (New) A method for the control of pests in or on an animal which comprises administering to said animal a pesticidally effective amount of a veterinary medicament as claimed in claim 12.

15. (New) A compound or a salt thereof as claimed in claim 2 wherein  $R^6$  is  $CF_3$ .

16. (New) A compound or salt thereof as claimed in claim 4, wherein  $R^1$  is CN or  $CSNH_2$ .

17. (New) A compound or a salt thereof as claimed in claim 1, wherein  $R^1$  is CN,  $R^4$  is  $CH_3$ ,  $R^6$  is  $CF_3$ , A is  $-CH_2CH_2-$ , W is C-Cl,  $R^2$  is Cl and  $R^3$  is  $CF_3$ .

18. (New) The compound or salt thereof as claimed in claim 17, wherein:

- (a) X is  $C(=O)$ , Y is O,  $R^5$  is  $CH_3$  and n is 1;
- (b) X is  $C(=O)$ , Y is O,  $R^5$  is 4-nitrophenyl and n is 2;
- (c) X is  $C(=O)$ , Y is a covalent bond,  $R^5$  is  $CH_3$  and n is 2;
- (d) X is  $C(=O)$ , Y is a covalent bond,  $R^5$  is  $CH_2OCH_3$  and n is 2;
- (e) X is  $C(=O)$ , Y is a covalent bond,  $R^5$  is 4-trifluoromethylphenyl and n is 2;
- (f) X is  $C(=O)$ , Y is a covalent bond,  $R^5$  is 2,6-difluorophenyl and n is 2;
- (g) X is  $C(=O)$ , Y is a covalent bond,  $R^5$  is 2-fluorophenyl and n is 2;
- (h) X is  $C(=O)$ , Y is NH,  $R^5$  is 4-ethoxyphenyl and n is 2;
- (i) X is  $C(=O)$ , Y is NH,  $R^5$  is 4-trifluoromethoxyphenyl and n is 2;
- (j) X is  $SO_2$ , Y is a covalent bond,  $R^5$  is propyl and n is 2;

- (k) X is SO<sub>2</sub>, Y is a covalent bond, R<sup>5</sup> is 4-chlorophenyl and n is 2; or
- (l) X is SO<sub>2</sub>, Y is a covalent bond, R<sup>5</sup> is 4-methylphenyl and n is 2.